

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	0	451/6.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 11:10
S4	737	451/6.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:40
S5	166	S4 and image	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 11:11
S6	0	S4 and ("photo image sensor")	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 11:11
S7	14	S4 and ("image sensor")	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 11:11
S8	16	S4 and (slurry adj dispens\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 11:22
S9	0	(slurry adj dispens\$4) and (image adj sensor)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 11:22
S10	315	"451".cds. and (slurry adj3 (control or monitor or nozzle or by-pass))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 15:17
S12	0	("6814835").URPN.	USPAT	OR	OFF	2004/11/09 14:08
S15	0	("6802762").URPN.	USPAT	OR	OFF	2004/11/09 14:13
S16	6	("20020045412"   "20020173232"   "5799643"   "6161533"   "6406364"   "6475070").PN.	US-PGRUB; USPAT; EPO; JPO; USOCR	OR	OFF	2004/11/09 16:55
S17	9	("4042444"   "4805348"   "5099614"   "5329732"   "5498196"   "5498199"   "5674410"   "6001215"   "6319099").PN.	US-PGRUB; USPAT; EPO; JPO; USOCR	OR	OFF	2004/11/09 16:54
S18	129	"438".cds. and (slurry adj3 (control or monitor or nozzle or by-pass))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 17:20

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S19	315	"451".cds. and (slurry adj3 (control or monitor or nozzle or by-pass))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/09 17:20
S20	111	S18 not S19	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 08:52
S21	119	(slurry adj3 supply) and (size\$ near3 (partical or particles)) and density	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 09:02
S22	129	"438".cds. and (slurry adj3 (control or monitor or nozzle or by-pass))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 09:03
S23	315	"451".cds. and (slurry adj3 (control or monitor or nozzle or by-pass))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 11:01
S24	111	S22 not S23	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 09:03
S25	105	S21 not (S24 or S23)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 09:07
S26	7	(slurry adj (supply or dispens\$4 or provides or distribute or deliver\$)) same (sense or sensor\$) same (density or (size near (particel\$ or partical\$)))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 09:11
S27	0	("2004/0127143").URPN.	USPAT	OR	OFF	2004/11/10 09:12
S28	9	("4042444"   "4805348"   "5099614"   "5329732"   "5498196"   "5498199"   "5674410"   "6001215"   "6319099").PN. OR ("6814835").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2004/11/10 11:13
S29	737	451/6.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 12:48
S30	166	S29 and image	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 12:47

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S31	5727	"356".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 12:48
S32	518	356/335.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 13:12
S33	112	S32 and density	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 12:53
S35	0	S32 and "photo image sensor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 12:54
S42	0	S32 and (photo adj image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 12:56
S43	135	S32 and fluid\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 13:07
S52	13	(356/335.ccls.) and slurry	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 13:47
S54	20	photo image sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2004/11/10 13:53
S55	101	"451".clas. and (nozzle and (bypass or by-pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 15:20
S59	129	"438".clas. and (slurry adj3 (control or monitor or nozzle or by-pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 17:21
S60	272	"438".clas. and (slurry and (control and monitor and nozzle and by-pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 17:22
S61	0	"438".clas. and (slurry and (control and monitor and nozzle and by-pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 17:22

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S62	0	"438".clas. and (slurry and (control and nozzle and by-pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 17:23
S63	203	"438".clas. and (slurry and (control and nozzle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 17:23
S64	35	"438".clas. and (slurry same (control and nozzle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 09:37
S65	4	"438".clas. and (slurry and (control and nozzle and bypass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/10 17:23
S66	0	"438".clas. and (slurry same ((bypass or by-pass) and nozzle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 09:37
S67	29	("3187627"   "3225193"   "3819278"   "3867033"   "3975084"   "4385830"   "4432642"   "4529306"   "4555179"   "4613210"   "4635111"   "4661845"   "4664513"   "4672437"   "4768879"   "4802761"   "4804268"   "4973561") PN. OR ("5191388"). URPN.	US-PGPUB; USPAT; EPO; JPO; USOCR	OR	OFF	2004/11/12 11:01
S68	107	"451".clas. and (flow with control) same (density or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 11:02
S69	21	"451".clas. and (flow with control) same density	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 15:39
S70	605	"451".clas. and (flow with control) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 14:08
S71	738	451/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 11:41
S72	166	S71 and (density or ((particle or particles) adj3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 11:45

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S73	2	S72 and (bypass or by-pass)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 11:42
S74	132	S72 and slurry	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 12:06
S75	131	(flow adj control) same ((particle adj size\$) and (density or composition))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 12:07
S76	23	S75 and slurry	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 12:07
S77	605	"451".das. and (flow with control) and nozzle	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 14:09
S78	255	S77 and (sensor or detector or monitor)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 14:16
S79	27	CMP and ((flow adj3 control) same (sensor or detector or monitor) and nozzle)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 14:19
S81	28	(451/6.cds.) and ((particle\$ or particle\$) adj size)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 15:12
S84	6	(451/6.cds.) and ((flow with control) same nozzle)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/12 15:41
S85	2	"5710069".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 13:49
S86	2	"6347976".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:49
S87	0	KR200205438A.app.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:49

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S88	0	KR200205438A	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:50
S89	0	KR200205438	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:50
S90	1508100	KR "200205438"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:50
S91	4	"200205438"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:51
S92	1	2003-036970	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 14:51
S93	2	"5710069".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 15:43
S94	29	(US-20020045412-\$ or US-20020052175-\$ or US-20020197871-\$).did. or (US-4669230-\$ or US-4784295-\$ or US-5191388-\$ or US-5561520-\$ or US-5674410-\$ or US-5791970-\$ or US-5799643-\$ or US-5846398-\$ or US-5993647-\$ or US-6048256-\$ or US-6161533-\$ or US-6275290-\$ or US-6287171-\$ or US-6319099-\$ or US-6336850-\$ or US-6406364-\$ or US-6464562-\$ or US-6544109-\$ or US-6586193-\$ or US-6595829-\$ or US-6790127-\$ or US-6802762-\$ or US-6814835-\$).did. or (US-6048256-\$ or KR-2002054538-\$ or US-5710069-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:32
S95	3	S94 and (diluent dilute dilutant dilutant mitigate (thin adj out) (water adj down))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:40
S96	825	451/6.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:40

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S97	17	S96 and (diluent dilute dilutant dilutant mitigate (thin adj out) (water adj down))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:53
S98	0	("2004/0014396").JRP.N.	USPAT	OR	OFF	2005/11/01 16:44
S99	25	S96 and (diluent dilute dilutant dilutant mitigate (thin adj out) (water adj down))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:17
S100	9	S99 not S97	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:59
S101	2	09/986988.app.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/01 16:59
S102	1	10/676643.app.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/01 18:06
S103	876	451/6.cds.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:17
S104	3	S103 and (dilute with (particle particles partical))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:18
S105	280	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute with (particle particles partical))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 12:14
S106	192	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near8 (particle particles partical))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:19
S107	162	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near6 (particle particles partical))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:19

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S108	116	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near4 (particle particles partical))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 09:18
S109	1	10/676643.app.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:30
S110	66	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute with (abrasive near2 (particle particles partical)))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 12:15
S111	116	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near4 (particle particles partical))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 09:21
S112	48	S111 and solvent	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 09:18
S113	6	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near4 (particle particles partical)) with solvent\$2)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 09:24
S114	165	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near4 solvent\$2)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 13:32
S115	26	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near4 solvent\$2) and (sensor sensors)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 09:27
S116	279	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near solution)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 13:33
S117	116	(slurry and (CMP "Chemical mechanical polishing" "chemical mechanical planarizing" )) and (dilute near solution) with water)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 13:33

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S11 8	2	10/322238.app.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/01 15:37
S11 9	0	S118 and (return with dilu\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/01 15:37
S12 0	0	S118 and (return same dilu\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/01 15:37
S12 1	0	S118 and (drain same dilu\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/01 15:37
S12 2	375	(slurry and flow and ((sensor sensors detector detectors) with (light and image)))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:36
S12 3	2	10/322238.app.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:32
S12 4	4	("4794806" "5835211".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:32
S12 5	138	slurry and flow and ((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) and ((sensor sensors detector detectors) with (photo image)))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:38
S12 6	106	semiconductor and slurry and flow and ((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) and ((sensor sensors detector detectors) with (photo image)))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:50

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S12 7	1446	"photo-multiplier tube"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:42
S12 8	642	("photo-multiplier tube") and image	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:42
S12 9	97	("photo-multiplier tube") with image	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:42
S13 0	998	(particle particles density size) and flow and (((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo image)))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:51
S13 1	652	(liquid fluid slurry) and (particle particles density size) and flow and (((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo image)))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:52
S13 2	240	(liquid fluid slurry) and (particle particles density size) and flow and (((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo image))) and (((cross adj section) "cross-section")	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:52
S13 3	144	(semiconductor CMP ) and (liquid fluid slurry) and (particle particles density size) and flow and (((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo image))) and ((cross adj section) "cross-section")	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:57
S13 4	0	("451".das.) and (((sensor sensors detector detectors) with (light near3 (scater\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo image))) and (((cross adj section) "cross-section")	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:57

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S13 5	4	("451".das.) and (((sensor sensors detector detectors) with (light near3 scatter\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:58
S13 6	0	("451".das.) and (((sensor sensors detector detectors) with (light near3 scatter\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo adj image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 09:59
S13 7	2	((sensor sensors detector detectors) with (light near3 scatter\$4 scatter\$4 extinction))) same ((sensor sensors detector detectors) with (photo adj image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 10:07
S13 8	2	((sensor sensors detector detectors) with (light near3 scatter\$4 scatter\$4 extinction))) and (((cross adj section\$4) "cross-section" or "cross-sectional") with (photo adj image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 10:09
S13 9	340	((sensor sensors detector detectors) with (light near3 scatter\$4 scatter\$4 extinction))) and (((cross adj section\$4) "cross-section" or "cross-sectional") with (photo image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 10:09
S14 0	36	((sensor sensors detector detectors) with (light near3 scatter\$4 scatter\$4 extinction))) same (((cross adj section\$4) "cross-section" or "cross-sectional") with (photo image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 10:15
S14 1	4	("photo image sensor".ti.	US-PGPUB; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/18 10:15
S14 2	1	10/676643.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/17 08:54

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S14 3	39	(US-20020045412-\$ or US-20020052175-\$ or US-20050248765-\$ or US-20020197871-\$ or US-20020061722-\$ or US-20030174306-\$ or US-20070024998-\$).did. or (US-6336850-\$ or US-6586193-\$ or US-5791970-\$ or US-5710069-\$ or US-6464562-\$ or US-4435247-\$ or US-5846398-\$ or US-6048256-\$ or US-5191388-\$ or US-5993647-\$ or US-6319099-\$ or US-6790127-\$ or US-4784295-\$ or US-6814835-\$ or US-6275290-\$ or US-6161533-\$ or US-6595829-\$ or US-5561520-\$ or US-6544109-\$ or US-6287171-\$ or US-6802762-\$ or US-5674410-\$ or US-6406364-\$ or US-5799643-\$ or US-4669230-\$ or US-4152745-\$).did. or (US-4015592-\$).did. or (JP-2001343321-\$).did. or (US-6048256-\$ or US-5710069-\$ or KR-2002054538-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/10/17 09:14
S14 4	6	S143 and display	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/10/17 09:14